

(57) For simultaneous determination of an antigen of a pathogen and at least one antibody against the same pathogen according to the principle of heterogeneous immunoassay the sample is incubated with the receptors R1 to R4, in which R1 and R3 are capable of specific bonding to the antigen being determined, R2 and R4 are capable of specific bonding to the antibody being determined, R1 and R2 mediate bonding to the solid phase and R3 and R4 carry the same labeling, and after separation of the solid from the liquid phase the labeling is determined in one of the two phases.